Laboratory Completeness Requirements
The analytical laboratory's goal will be to provide data meeting QC acceptance criteria for 95 percent or more of all samples tested using specified laboratory methods. Completeness of the analytical results will be determined from the data validation process. Data characterized as usable in the validation will be counted toward the specified completeness target of 95 percent; however, data classified as usable with qualifications or as unusable will not be counted toward completeness.

4.4.3 Representativeness

Representativeness expresses the degree to which data accurately and precisely represents a characteristic of the media or material being sampled. Representativeness is a qualitative parameter, which is dependent upon the proper design of the sampling program and proper laboratory protocol. The sampling network was designed to provide data representative of conditions at the API/PC/KR site by verifying existing data and comparing measurements made from sampling period to sampling period.

Measures to Ensure Representativeness of Field Data
Representativeness will be satisfied by ensuring that proper sampling techniques are used and proper field measurement procedures are followed, as specified in the SOPs.

Measures to Ensure Representativeness of Laboratory Data
Representativeness will be satisfied by ensuring that proper analytical procedures are followed and holding times of the samples are not exceeded in the laboratory. Representativeness will also be assessed by reviewing the analysis of, rinsate blank and field duplicate samples.

4.4.4 Comparability

Comparability expresses the confidence with which one data set can be compared with another. The extent to which analytical data are comparable depends on the similarity of sampling and analytical methods. The procedures used to obtain the new analytical data are expected to provide data comparable to existing data. These new analytical data, however, may not be directly comparable to existing data because of differences in procedures and QA objectives associated with the collection of the past data over a period of several years by the PRPs consultants. All data collected in subsequent sampling efforts under this plan or its addenda, are expected to be directly comparable to the data collected in 1999.